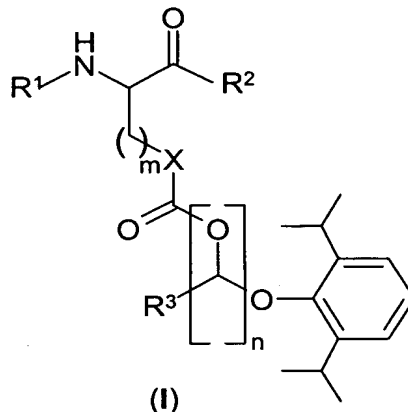


Claims

1. A compound of Formula (I):



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or a pharmaceutically acceptable salt, hydrate, solvate or N-oxide thereof,
wherein:

X is selected from the group consisting of a bond, CH₂, NR¹¹, O and S;

m is 1 or 2;

10

n is 0 or 1;

R¹ is selected from the group consisting of hydrogen, [R⁵NH(CHR⁴)_pC(O)]-,
R⁶-, R⁶C(O)- and R⁶OC(O)-;

R² is -OR⁷ or -[NR⁸(CHR⁹)_qC(O)OR⁷];

p and q are independently 1 or 2;

15

R³ is selected from the group consisting of hydrogen, alkyl, substituted alkyl,
alkoxycarbonyl, aryl, substituted aryl, arylalkyl, carbamoyl, substituted carbamoyl,
cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, heteroaryl, substituted heteroaryl
and heteroarylalkyl;

20

each R⁴ is independently selected from the group consisting of hydrogen,
alkyl, substituted alkyl, alkoxy, substituted alkoxy, acyl, substituted acyl,
alkoxycarbonyl, substituted alkoxycarbonyl, aryl, substituted aryl, arylalkyl,
substituted arylalkyl, carbamoyl, substituted carbamoyl, cycloalkyl, substituted
cycloalkyl, cycloheteroalkyl, substituted cycloheteroalkyl, heteroalkyl, substituted
heteroalkyl, heteroaryl, substituted heteroaryl, heteroarylalkyl and substituted

25

heteroarylalkyl, or optionally, when R⁴ and R⁵ are attached to adjacent atoms then R⁴

and R^5 together with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring;

R^5 is selected from the group consisting of hydrogen, R^6 -, $R^6C(O)$ - and $R^6OC(O)$ -;

- 5 R^6 is selected from the group consisting of alkyl, substituted alkyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, heteroaryl, substituted heteroaryl and heteroarylalkyl;

- R^7 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, heteroaryl, substituted heteroaryl and heteroarylalkyl;

R^8 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, aryl, substituted aryl, arylalkyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, heteroaryl, substituted heteroaryl and heteroarylalkyl;

- each R^9 is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkoxy, substituted alkoxy, acyl, substituted acyl, alkoxycarbonyl, substituted alkoxycarbonyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl, carbamoyl, substituted carbamoyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, substituted cycloheteroalkyl, heteroalkyl, substituted heteroalkyl, heteroaryl, substituted heteroaryl, heteroarylalkyl and substituted heteroarylalkyl, or optionally, when R^8 and R^9 are attached to adjacent atoms then R^8 and R^9 together with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring;

- R^{11} is selected from the group consisting of hydrogen, alkyl, substituted alkyl, aryl, substituted aryl, arylalkyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, heteroaryl, substituted heteroaryl and heteroarylalkyl;

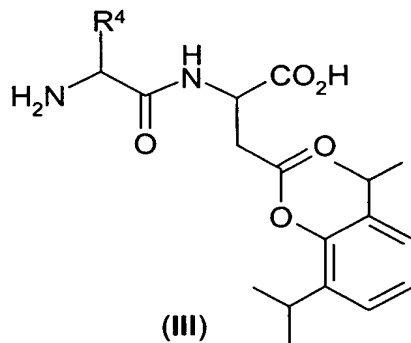
with the provisos that:

when R^1 is $[R^5NH(CHR^4)_pC(O)]$ - then R^2 is $-OR^7$; and

when R^2 is $-[NR^8(CHR^9)_qC(O)OR^7]$ then R^1 is not $[R^5NH(CHR^4)_pC(O)]$ -.

- 30 2. The compound of Claim 1, wherein n is 0.

3. The compound of Claim 1 having structural Formula (III):



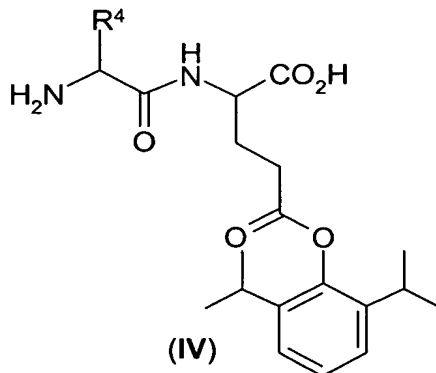
wherein R^4 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl.

5

4. The compound of Claim 3, wherein R^4 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-\text{CH}_2\text{OH}$, $-\text{CH}(\text{OH})\text{CH}_3$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{SCH}_3$, $-\text{CH}_2\text{SH}$, $-\text{CH}_2(\text{CH}_2)_3\text{NH}_2$, $-\text{CH}_2\text{CH}_2\text{CH}_2\text{NHC}(\text{NH})\text{NH}_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

10

5. The compound of Claim 1 having structural Formula (IV):



- 15 wherein R^4 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl.

6. The compound of Claim 5, wherein R^4 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl,

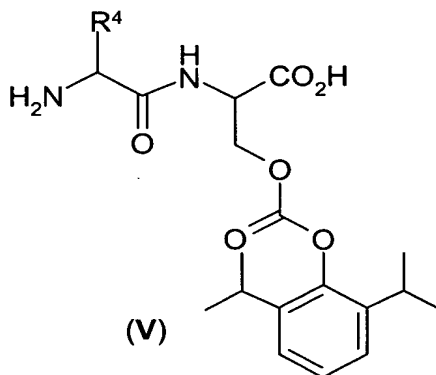
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XENO-009/01US

cyclohexyl, -CH₂OH, -CH(OH)CH₃, -CH₂CO₂H, -CH₂CH₂CO₂H, -CH₂CONH₂,
-CH₂CH₂CONH₂, -CH₂CH₂SCH₃, -CH₂SH, -CH₂(CH₂)₃NH₂,
-CH₂CH₂CH₂NHC(NH)NH₂, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl
and 3-indolylmethyl.

5

7. The compound of Claim 1 having structural Formula (V):



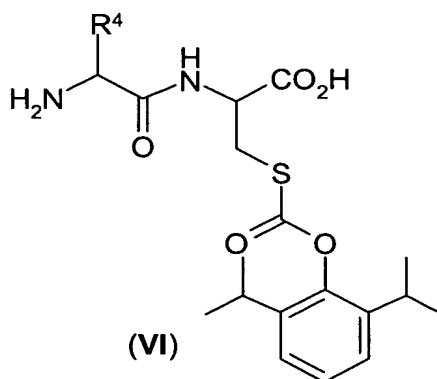
wherein R⁴ is selected from the group consisting of hydrogen, alkanyl, substituted
alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl,
heteroarylalkanyl and substituted heteroarylalkanyl.

10

8. The compound of Claim 7, wherein R⁴ is selected from the group
consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl,
cyclohexyl, -CH₂OH, -CH(OH)CH₃, -CH₂CO₂H, -CH₂CH₂CO₂H, -CH₂CONH₂,
-CH₂CH₂CONH₂, -CH₂CH₂SCH₃, -CH₂SH, -CH₂(CH₂)₃NH₂,
-CH₂CH₂CH₂NHC(NH)NH₂, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl
and 3-indolylmethyl.

15

9. The compound of Claim 1 having structural Formula (VI):

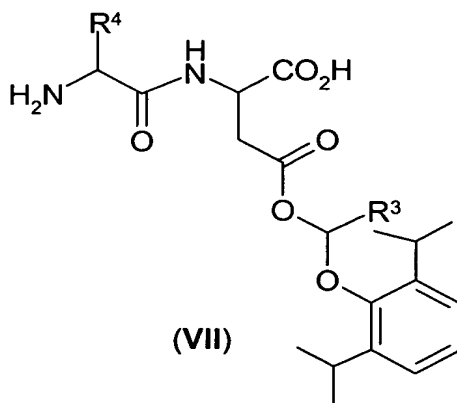


wherein R^4 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl.

5

10. The compound of Claim 9, wherein R^4 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-\text{CH}_2\text{OH}$, $-\text{CH}(\text{OH})\text{CH}_3$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{SCH}_3$, $-\text{CH}_2\text{SH}$, $-\text{CH}_2(\text{CH}_2)_3\text{NH}_2$, $-\text{CH}_2\text{CH}_2\text{CH}_2\text{NHC}(\text{NH})\text{NH}_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

11. The compound of Claim 1 having structural Formula (VII):



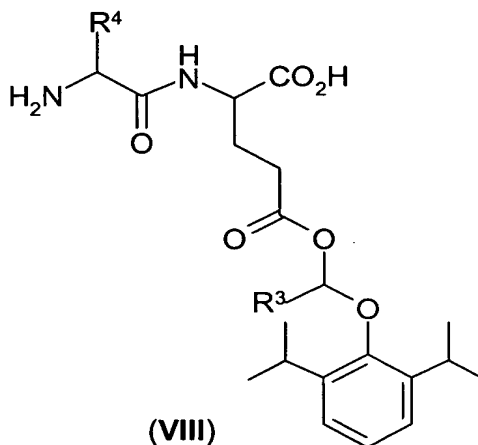
15

wherein R^3 is hydrogen or methyl; and

R^4 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl.

12. The compound of Claim 11, wherein R^4 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-\text{CH}_2\text{OH}$, $-\text{CH}(\text{OH})\text{CH}_3$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CONH}_2$,
 5 $-\text{CH}_2\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{SCH}_3$, $-\text{CH}_2\text{SH}$, $-\text{CH}_2(\text{CH}_2)_3\text{NH}_2$,
 $-\text{CH}_2\text{CH}_2\text{CH}_2\text{NHC}(\text{NH})\text{NH}_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

13. A compound of Formula (VIII):



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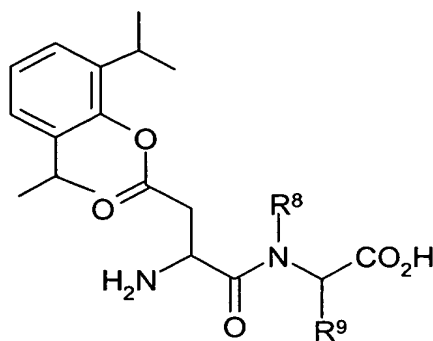
wherein R^3 is hydrogen or methyl; and

R^4 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl.

15

14. The compound of Claim 13, wherein R^4 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-\text{CH}_2\text{OH}$, $-\text{CH}(\text{OH})\text{CH}_3$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CONH}_2$,
 $-\text{CH}_2\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{SCH}_3$, $-\text{CH}_2\text{SH}$, $-\text{CH}_2(\text{CH}_2)_3\text{NH}_2$,
 20 $-\text{CH}_2\text{CH}_2\text{CH}_2\text{NHC}(\text{NH})\text{NH}_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

15. The compound of Claim 1 having structural Formula (IX):



(IX)

wherein R^8 is hydrogen or methyl; and

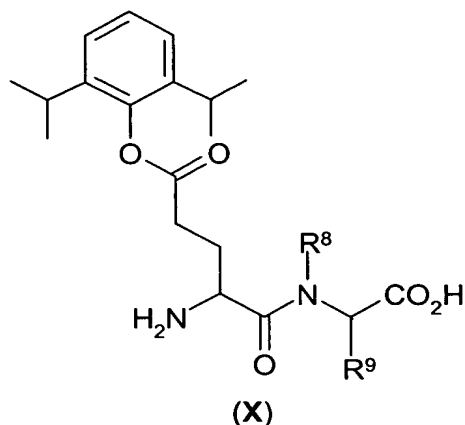
- R^9 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl, or optionally R^8 and R^9 together with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring.

16. The compound of Claim 15, wherein R^8 is hydrogen and R^9 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-\text{CH}_2\text{OH}$, $-\text{CH}(\text{OH})\text{CH}_3$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{SCH}_3$, $-\text{CH}_2\text{SH}$, $-\text{CH}_2(\text{CH}_2)_3\text{NH}_2$, $-\text{CH}_2\text{CH}_2\text{CH}_2\text{NHC}(\text{NH})\text{NH}_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

15

17. The compound of Claim 15, wherein R^8 and R^9 together with the atoms to which they are bonded form an azetidine, pyrrolidine or piperidine ring.

18. The compound of Claim 1 having structural Formula (X):



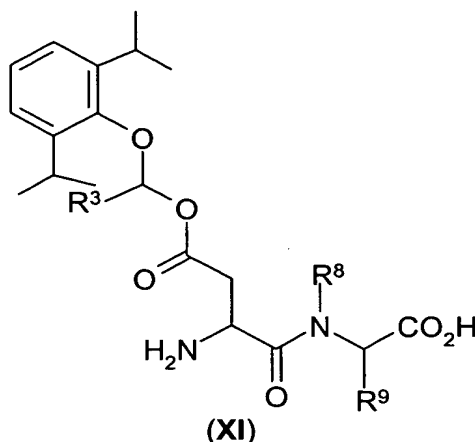
wherein R^8 is hydrogen or methyl; and

- R^9 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl, or optionally R^8 and R^9 together with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring.

19. The compound of Claim 18, wherein R^8 is hydrogen and R^9 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-\text{CH}_2\text{OH}$, $-\text{CH}(\text{OH})\text{CH}_3$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{SCH}_3$, $-\text{CH}_2\text{SH}$, $-\text{CH}_2(\text{CH}_2)_3\text{NH}_2$, $-\text{CH}_2\text{CH}_2\text{CH}_2\text{NHC}(\text{NH})\text{NH}_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

20. The compound of Claim 19, wherein R^8 and R^9 together with the atoms to which they are bonded form an azetidine, pyrrolidine or piperidine ring.

21. The compound of Claim 1 having structural Formula (XI):



wherein R^3 is hydrogen or methyl;

R^8 is hydrogen or methyl; and

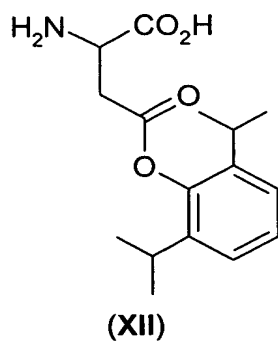
- R^9 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl, or optionally R^8 and R^9 together with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring.

22. The compound of Claim 21, wherein R^3 is hydrogen.

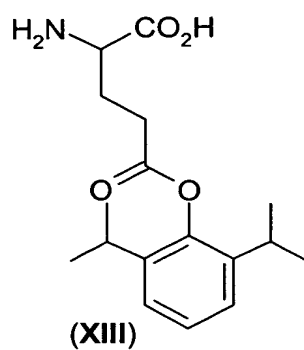
23. The compound of Claim 22, wherein R^8 is hydrogen and R^9 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-\text{CH}_2\text{OH}$, $-\text{CH}(\text{OH})\text{CH}_3$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{SCH}_3$, $-\text{CH}_2\text{SH}$, $-\text{CH}_2(\text{CH}_2)_3\text{NH}_2$, $-\text{CH}_2\text{CH}_2\text{CH}_2\text{NHC}(\text{NH})\text{NH}_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

24. The compound of Claim 22, wherein R^8 and R^9 together with the atoms to which they are bonded form an azetidine, pyrrolidine or piperidine ring.

25. The compound of Claim 1 having structural Formula (XII):

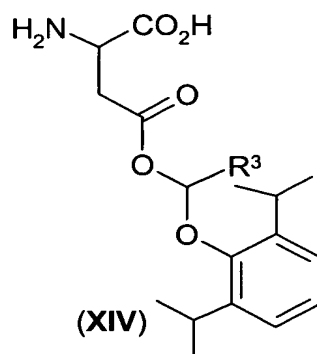


26. The compound of Claim 1 having structural Formula (XIII):



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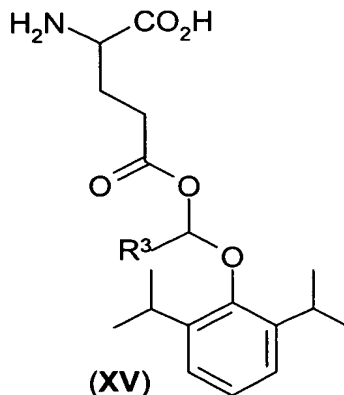
27. The compound of Claim 1 having structural Formula (XIV):



wherein R^3 is hydrogen or methyl.

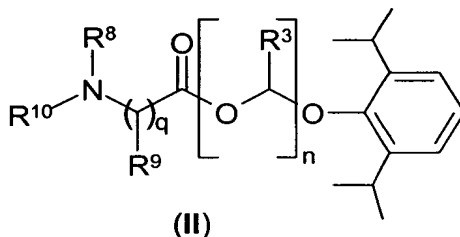
10

28. The compound of Claim 1 having Formula (XV):



wherein R^3 is hydrogen or methyl.

29. A compound of Formula (II):



5

or a pharmaceutically acceptable salt, hydrate, solvate or N-oxide thereof,
wherein:

n is 0 or 1;

R^{10} is hydrogen or $[R^5NH(CHR^4)_pC(O)]-$;

10 p and q are independently 1 or 2;

R^3 is selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkoxy, carbonyl, aryl, substituted aryl, arylalkyl, carbamoyl, substituted carbamoyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, heteroaryl, substituted heteroaryl and heteroarylalkyl;

15 each R^4 is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkoxy, substituted alkoxy, acyl, substituted acyl, alkoxy, carbonyl, substituted alkoxy, carbonyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl, carbamoyl, substituted carbamoyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, substituted cycloheteroalkyl, heteroalkyl, substituted heteroalkyl, heteroaryl, substituted heteroaryl, heteroarylalkyl and substituted heteroarylalkyl, or optionally, when R^4 and R^5 are attached to adjacent atoms then R^4

20

and R⁵ together with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring;

R⁵ is selected from the group consisting of hydrogen, R⁶-, R⁶C(O)- and R⁶OC(O)-;

- 5 R⁶ is selected from the group consisting of alkyl, substituted alkyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, heteroaryl, substituted heteroaryl and heteroarylalkyl;

- R⁸ is selected from the group consisting of hydrogen, alkyl, substituted alkyl, aryl, substituted aryl, arylalkyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, heteroaryl, substituted heteroaryl and heteroarylalkyl;
- 10

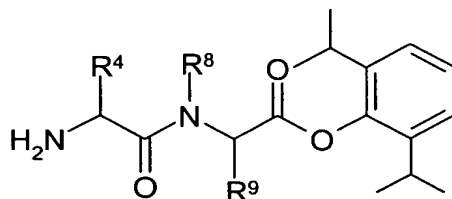
- each R⁹ is independently selected from the group consisting of hydrogen, alkyl, substituted alkyl, alkoxy, substituted alkoxy, acyl, substituted acyl, alkoxycarbonyl, substituted alkoxycarbonyl, aryl, substituted aryl, arylalkyl, substituted arylalkyl, carbamoyl, substituted carbamoyl, cycloalkyl, substituted cycloalkyl, cycloheteroalkyl, substituted cycloheteroalkyl, heteroalkyl, substituted heteroalkyl, heteroaryl, substituted heteroaryl, heteroarylalkyl and substituted heteroarylalkyl, or optionally, when R⁸ and R⁹ are attached to adjacent atoms then R⁸ and R⁹ together with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring;
- 15

- 20 with the proviso that:

when R¹⁰ is hydrogen then n is 1.

30. The compound of Claim 29, wherein n is 0.

- 25 31. The compound of Claim 29 having structural Formula (XVI):



(XVI)

wherein R⁴ is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl;

R⁸ is hydrogen or methyl; and

R⁹ is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl, or optionally, R⁸ and R⁹ together
 5 with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring.

32. The compound of Claim 31, wherein R⁸ is hydrogen and R⁹ is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, -CH₂OH, -CH(OH)CH₃, -CH₂CO₂H, -CH₂CH₂CO₂H,
 10 -CH₂CONH₂, -CH₂CH₂CONH₂, -CH₂CH₂SCH₃, -CH₂SH, -CH₂(CH₂)₃NH₂,
 -CH₂CH₂CH₂NHC(NH)NH₂, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

33. The compound of Claim 31, wherein R⁸ and R⁹ together with the
 15 atoms to which they are bonded form an azetidine, pyrrolidine or piperidine ring.

34. The compound of Claim 31, wherein R⁴ is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, -CH₂OH, -CH(OH)CH₃, -CH₂CO₂H, -CH₂CH₂CO₂H, -CH₂CONH₂,
 20 -CH₂CH₂CONH₂, -CH₂CH₂SCH₃, -CH₂SH, -CH₂(CH₂)₃NH₂,
 -CH₂CH₂CH₂NHC(NH)NH₂, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

35. The compound of Claim 32 or 33, wherein both the N- and C-terminal
 25 amino acid residues are of the L-configuration.

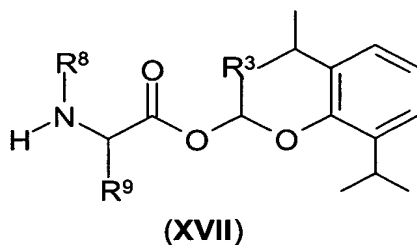
36. The compound of Claim 35, wherein R⁸ is hydrogen, R⁹ is methyl and R⁴ is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, -CH₂OH, -CH(OH)CH₃, -CH₂CO₂H,
 30 -CH₂CH₂CO₂H, -CH₂CONH₂, -CH₂CH₂CONH₂, -CH₂CH₂SCH₃, -CH₂SH,
 -CH₂(CH₂)₃NH₂, -CH₂CH₂CH₂NHC(NH)NH₂, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

37. The compound of Claim 35, wherein R^8 is hydrogen, R^9 is $-CH_2CONH_2$ and R^4 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-CH_2OH$, $-CH(OH)CH_3$, $-CH_2CO_2H$, $-CH_2CH_2CO_2H$, $-CH_2CONH_2$, $-CH_2CH_2CONH_2$, -
 5 $CH_2CH_2SCH_3$, $-CH_2SH$, $-CH_2(CH_2)_3NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

38. The compound of Claim 35, wherein R^8 is hydrogen, R^9 is benzyl and R^4 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-CH_2OH$, $-CH(OH)CH_3$, $-CH_2CO_2H$, $-CH_2CH_2CO_2H$, $-CH_2CONH_2$, $-CH_2CH_2CONH_2$, - $CH_2CH_2SCH_3$, $-CH_2SH$, $-CH_2(CH_2)_3NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.
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39. The compound of Claim 35, wherein R^8 is hydrogen, R^9 is 4-hydroxybenzyl and R^4 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-CH_2OH$, $-CH(OH)CH_3$, $-CH_2CO_2H$, $-CH_2CH_2CO_2H$, $-CH_2CONH_2$, $-CH_2CH_2CONH_2$, - $CH_2CH_2SCH_3$, $-CH_2SH$, $-CH_2(CH_2)_3NH_2$, $-CH_2CH_2CH_2NHC(NH)NH_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.
 15
 20

40. The compound of Claim 29 having structural Formula (XVII):



wherein R^3 is hydrogen or methyl;
 25 R^8 is hydrogen or methyl; and
 R^9 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl, or optionally R^8 and R^9 together

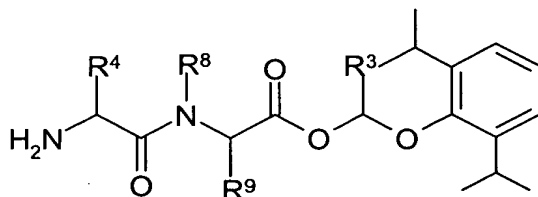
with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring.

41. The compound of Claim 40, wherein R^8 is hydrogen and R^9 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-\text{CH}_2\text{OH}$, $-\text{CH}(\text{OH})\text{CH}_3$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{CONH}_2$, $-\text{CH}_2\text{CH}_2\text{SCH}_3$, $-\text{CH}_2\text{SH}$, $-\text{CH}_2(\text{CH}_2)_3\text{NH}_2$, $-\text{CH}_2\text{CH}_2\text{CH}_2\text{NHC}(\text{NH})\text{NH}_2$, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl and 3-indolylmethyl.

10

42. The compound of Claim 40, wherein R^8 and R^9 together with the atoms to which they are bonded form an azetidine, pyrrolidine or piperidine ring.

43. The compound of Claim 29 having structural Formula (XVIII):



(XVIII)

15

wherein R^3 is hydrogen or methyl;

R^4 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl;

20

R^8 is hydrogen or methyl; and

R^9 is selected from the group consisting of hydrogen, alkanyl, substituted alkanyl, aryl, substituted aryl, arylalkanyl, substituted arylalkanyl, cycloalkanyl, heteroarylalkanyl and substituted heteroarylalkanyl, or optionally, R^8 and R^9 together with the atoms to which they are bonded form a cycloheteroalkyl or substituted cycloheteroalkyl ring.

25

44. The compound of Claim 43, wherein R^8 is hydrogen and R^9 is selected from the group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl, cyclopentyl, cyclohexyl, $-\text{CH}_2\text{OH}$, $-\text{CH}(\text{OH})\text{CH}_3$, $-\text{CH}_2\text{CO}_2\text{H}$, $-\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$,

XENO-009/01US

-CH₂CONH₂, -CH₂CH₂CONH₂, -CH₂CH₂SCH₃, -CH₂SH, -CH₂(CH₂)₃NH₂,
-CH₂CH₂CH₂NHC(NH)NH₂, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl
and 3-indolylmethyl.

5 45. The compound of Claim 43, wherein R⁸ and R⁹ together with the
atoms to which they are bonded form an azetidine, pyrrolidine or piperidine ring.

 46. The compound of Claim 44 or 45, wherein R⁴ is selected from the
group consisting of hydrogen, methyl, isopropyl, isobutyl, *sec*-butyl, *t*-butyl,
10 cyclopentyl, cyclohexyl, -CH₂OH, -CH(OH)CH₃, -CH₂CO₂H, -CH₂CH₂CO₂H,
-CH₂CONH₂, -CH₂CH₂CONH₂, -CH₂CH₂SCH₃, -CH₂SH, -CH₂(CH₂)₃NH₂,
-CH₂CH₂CH₂NHC(NH)NH₂, phenyl, benzyl, 4-hydroxybenzyl, 4-imidazolylmethyl
and 3-indolylmethyl.

15 47. A method for treating or preventing migraine, nausea, vomiting,
anxiety, seizures, convulsions, trauma of the central nervous system, and
neurodegenerative conditions including Friedrich's disease, Parkinson's disease,
Alzheimer's disease, Huntington's disease, amyotrophic lateral sclerosis (ALS),
multiple sclerosis (MS) and Pick disease in a patient, comprising administering to a
20 patient in need of such treatment or prevention a therapeutically effective amount of a
compound according to Claim 1 or 29.

 48. A pharmaceutical composition comprising a therapeutically effective
amount of a compound according to Claim 1 or 29 and a pharmaceutically acceptable
25 vehicle.